

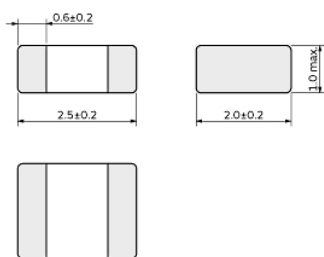
DFE252010F-3R3M#

“#” indicates a package specification code.



< List of part numbers with package codes >
DFE252010F-3R3M=P2

Appearance & Shape



(in mm)

References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| =P2 | 180Embossed Tape | 3000 |

| Mass (typ.) | |
|-------------|---------|
| 1 piece | 0.0276g |

Notices

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%. Rated current (I_{temp}) is specified when temperature of the inductor is raised 40°C by DC current.

Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.

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Specifications

| | |
|---|----------------|
| L size | 2.5±0.2mm |
| W size | 2.0±0.2mm |
| T size | 1.0mm |
| Size code inch (mm) | 1008 (2520) |
| Inductance | 3.3μH±20% |
| Inductance Test Frequency | 1MHz |
| Rated current (Isat) (Based on Inductance change) | 2200mA |
| Rated current (Itemp) (Based on Temperature rise) | 1600mA |
| Max. of DC resistance | 0.17Ω |
| Operating Temperature Range (Self-temperature rise is included) | -40°C to 125°C |
| Class of magnetic shield | Metal Alloy |
| Absolute maximum voltage | 20Vdc |
| Brand | Murata |
| Series | DFE252010F |

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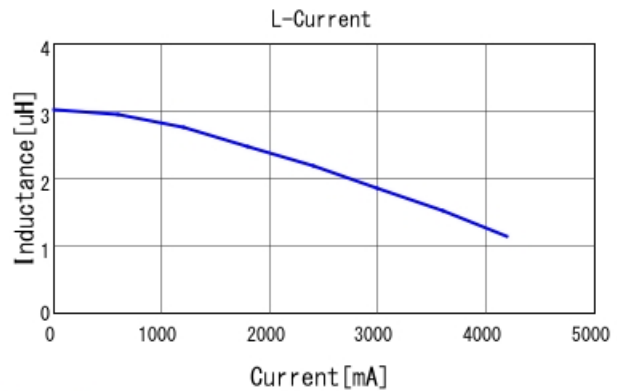
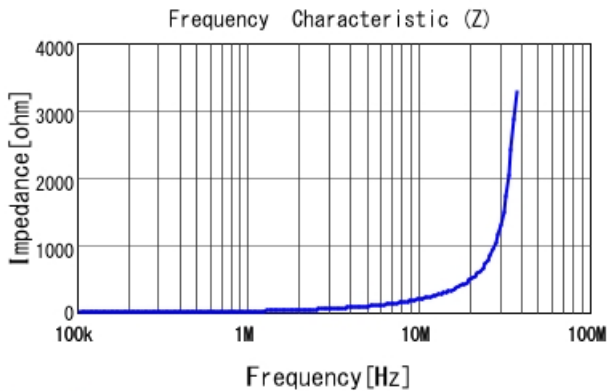
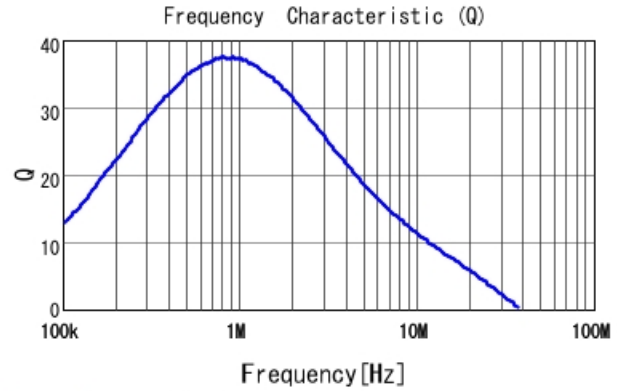
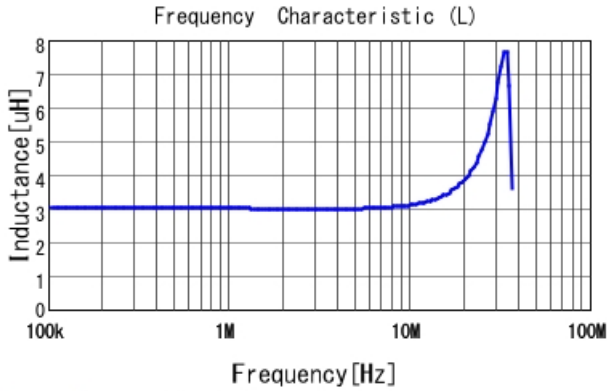
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Characteristic Data

The charts below may show another part number which shares its characteristics.

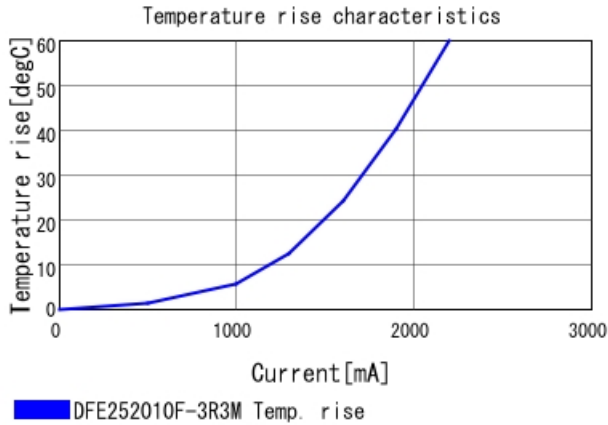


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